Format No: CP/TF/01

TEST REPORT OF PRECAST COVER SLAB

Lab ID	:	**CP-2020-06-10-30** **Date: 27-01-20**
Customer	:	Assistant Executive Engineer, T Dasarahalli Sub Division, BBMP, Bangalore.
Address	:	T Dasarahalli Sub Division, BBMP, Bangalore.
Project Name	:	Improvements of RCC Drain and Covering Slab Maheshwari Nagara 6th Cross Left Side Road Ward No 15 Dasarahalli
Agency	:	Technical Manager (West), Karnataka Rural Infrastructure Development Limited, No.280,59th Cross 17th C Maain Road 3rd Y Block Rajaji Nagara, Bangaluru-560010
Customer's Reference	:	EE/DD/WO/372/19-20
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	23-01-20
Sample Type /Size	:	Precast Cover Slab
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete
Date of test	:	23/01/2020

Sl. No.	Identification Mark	Diameter of the core	Height of the core	Weight of the core	Area	Failure Load	Core Compressive strength	Corrected Cylinder Compressive strength	Equivalent Cube Compressive strength
		(mm)	(mm)	(kg)	(Sq.mm)	(KN)	(N/mm^2)	(N/mm^2)	(N/mm^2)
1	Cover Slab-1	75.51	100.48	1.116	4477	80.9	18.1	16.8	21.0
2	Cover Slab-2	75.49	100.52	1.122	4475	82.3	18.4	17.1	21.4
3	Cover Slab-3	75.50	100.51	1.118	4476	81.5	18.2	16.9	21.2

Note:

The results pertain to the samples received and tested.
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R RUDRAPRASAD
Authorized Signatory
Technical Manager

****End of Report****

.: TC-5548

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2020-06-10-30** **Date: 05/02/2020**

Customer : Assistant Executive Engineer, T Dasarahalli Sub Division, BBMP, Bangalore.

Address : T Dasarahalli Sub Division, BBMP, Bangalore.

Project Name : Improvements of RCC Drain and Covering Slab Maheshwari Nagara 6th Cross Left Side Road Ward No 15 Dasarahalli

Agency : Technical Manager (West), Karnataka Rural Infrastructure Development Limited, No.280,59th Cross 17th C Maain Road 3rd Y Block Rajaji Nagara, Bangaluru-560010

Customer's Reference : EE/DD/WO/372/19-20

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 10-01-20

Customer ID : Drain Bottom Slab Concrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 28 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 05/02/2020

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Drain Bottom Slab Concrete	M20	08/01/2020	05/02/2020	150.19 X 150.73 X 149.82	22638	8.187	528.2	23.3	23.0
2	Drain Bottom Slab Concrete	M20	08/01/2020	05/02/2020	150.76 X 150.33 X 149.44	22664	8.135	503.8	22.2	
3	Drain Bottom Slab Concrete	M20	08/01/2020	05/02/2020	149.28 X 149.03 X 150.45	22247	8.279	524.4	23.6	

Note:

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Technical Manager

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Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2020-06-10-30** **Date: 15/01/2020**

Customer : Assistant Executive Engineer, T Dasarahalli Sub Division, BBMP, Bangalore.

Address : T Dasarahalli Sub Division, BBMP, Bangalore.

Project Name : Improvements of RCC Drain and Covering Slab Maheshwari Nagara 6th Cross Left Side Road Ward No 15 Dasarahalli

Agency : Technical Manager (West), Karnataka Rural Infrastructure Development Limited, No.280,59th Cross 17th C Maain Road 3rd Y Block Rajaji Nagara, Bangaluru-560010

Customer's Reference : EE/DD/WO/372/19-20

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 10-01-20

Customer ID : Drain Bottom Slab Concrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 15/01/2020

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Drain Bottom Slab Concrete	M20	08/01/2020	15/01/2020	149.33 X 151.98 X 149.65	22695	**8.637**	425.6	18.8	18.3
2	Drain Bottom Slab Concrete	M20	08/01/2020	15/01/2020	149.99 X 149.32 X 151.11	22397	**8.327**	403.7	18.0	
3	Drain Bottom Slab Concrete	M20	08/01/2020	15/01/2020	149.62 X 151.04 X 151.94	22598	**8.644**	407.8	18.0	

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Technical Manager

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GEO TECHNICAL | PROJECT MANAGEMENT | SURVEYING SERVICES |

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2020-06-10-30** **Date: 05/02/2020**

Customer : Assistant Executive Engineer, T Dasarahalli Sub Division, BBMP, Bangalore.

Address : T Dasarahalli Sub Division, BBMP, Bangalore.

Project Name : Improvements of RCC Drain and Covering Slab Maheshwari Nagara 6th Cross Left Side Road Ward No 15 Dasarahalli

Agency : Technical Manager (West), Karnataka Rural Infrastructure Development Limited, No.280,59th Cross 17th C Maain Road 3rd Y Block Rajaji Nagara, Bangaluru-560010

Customer's Reference : EE/DD/WO/372/19-20

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 10-01-20

Customer ID : Drain Bottom Slab Concrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 28 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 05/02/2020

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Drain Bottom Slab Concrete	M20	08/01/2020	05/02/2020	150.04 X 150.48 X 150.36	22578	**8.187**	529.4	23.4	23.1
2	Drain Bottom Slab Concrete	M20	08/01/2020	05/02/2020	149.31 X 149.20 X 149.74	22277	**8.135**	505.8	22.7	
3	Drain Bottom Slab Concrete	M20	08/01/2020	05/02/2020	149.18 X 151.81 X 149.07	22648	**8.279**	521.1	23.0	

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Technical Manager

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Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2020-06-10-30** **Date: 15/01/2020**

Customer : Assistant Executive Engineer, T Dasarahalli Sub Division, BBMP, Bangalore.

Address : T Dasarahalli Sub Division, BBMP, Bangalore.

Project Name : Improvements of RCC Drain and Covering Slab Maheshwari Nagara 6th Cross Left Side Road Ward No 15 Dasarahalli

Agency : Technical Manager (West), Karnataka Rural Infrastructure Development Limited, No.280,59th Cross 17th C Maain Road 3rd Y Block Rajaji Nagara, Bangaluru-560010

Customer's Reference : EE/DD/WO/372/19-20

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 10-01-20

Customer ID : Drain Bottom Slab Concrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 15/01/2020

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Drain Bottom Slab Concrete	M20	08/01/2020	15/01/2020	150.99 X 150.54 X 150.67	22730	**8.637**	417.7	18.4	18.5
2	Drain Bottom Slab Concrete	M20	08/01/2020	15/01/2020	150.66 X 149.46 X 150.39	22517	**8.327**	415.2	18.4	
3	Drain Bottom Slab Concrete	M20	08/01/2020	15/01/2020	150.68 X 150.76 X 150.37	22717	**8.644**	424.5	18.7	

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Customer's Reference : EE/DD/WO/372/19-20

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 10-01-20

Customer ID : Drain Bottom Slab Concrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 28 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 05/02/2020

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Drain Bottom Slab Concrete	M20	08/01/2020	05/02/2020	151.15 X 150.49 X 149.72	22746	**8.187**	534.0	23.5	23.1
2	Drain Bottom Slab Concrete	M20	08/01/2020	05/02/2020	150.85 X 149.50 X 151.34	22553	**8.135**	509.9	22.6	
3	Drain Bottom Slab Concrete	M20	08/01/2020	05/02/2020	150.29 X 149.94 X 150.86	22534	**8.279**	521.8	23.2	

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